

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017278.D
 Acq On : 17 Nov 2020 12:03
 Operator : SY/VA
 Sample : L4739-15RE
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB102RE

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:09:08 AM

Quant Time: Nov 18 03:06:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 02:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	378208	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	207863	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	33004	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	84931	17.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.32%
7) Chloroethane-d5	2.89	69	76910	20.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.80%
10) 1,1-Dichloroethene-d2	4.02	63	130553	15.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.28%
20) 2-Butanone-d5	7.09	46	45943	43.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.26%
24) Chloroform-d	7.65	84	198673	22.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	8.31	65	101706	23.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.68%
29) Benzene-d6	8.27	84	357583	33.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	135.12%#
33) 1,2-Dichloropropane-d6	9.28	67	100163	34.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	136.84%#
37) Toluene-d8	10.33	98	273083	27.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.44%
38) trans-1,3-Dichloropropene-	10.58	79	35411	26.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.32%
39) 2-Hexanone-d5	10.93	63	29020	56.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	50895	19.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	23520	20.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	9702	13.602	ug/L	86
16) Methylene chloride	4.92	84	9131m	1.791	ug/L	
22) cis-1,2-Dichloroethene	7.17	96	3279	0.638	ug/L	99
34) Benzene	8.32	78	5857	0.537	ug/L	100
44) Toluene	10.39	91	5809	0.484	ug/L	81

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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